

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An adhesive composition comprising, a solution of a binder, or a binder in combination with a resin or plasticizer, wherein the binder is a block copolymer having at least one rigid hydrophilic block (B) as a minor phase dispersed in the form of nanodomains, said copolymer obtained by polymerizing a hydrophilic monomer which is acrylic acid, acrylamide, or dimethylacrylamide, and at least one hydrophobic block (A) with an elastomeric nature as a major phase having a water absorption capacity  $w_{\infty}(A)$  of less than 20%, obtained by polymerizing butyl acrylate, and having a modulus in moist medium measured using probe tack test method of a tack energy  $G > 100 \text{ G/cm}^2$ .
2. (Previously Presented) The composition as claimed in claim 1, wherein  $w_{\infty}(A)$  is less than 10%.
3. (Previously Presented) The composition as claimed in claim 1, wherein the water absorption capacities of A,  $w_{\infty}(A)$ , and of B,  $w_{\infty}(B)$ , are such that the ratio  $w_{\infty}(B) / w_{\infty}(A)$  is more than 1.
4. (Previously Presented) The composition as claimed in claim 3, wherein  $w_{\infty}(A)$  is less than 5 and  $w_{\infty}(B) / w_{\infty}(A)$  is more than 20.
5. (Previously Presented) The composition as claimed in claim 1, wherein said copolymer has the structure:  
 $[(A)_x-(B)]_n$ , in which x is in the range from 1 to 8, n is a whole number in the range from 1 to 3, A and B respectively represent from 50% to 99% weight and from 1% to

50% by weight of the total weight of the copolymer, the number average molar mass ( $M_n$ ) of the copolymer being in the range from 5000 g/mol to 300 000 g/mol, with a polydispersity index in the range from 1.1 to 3.

6. (Canceled)
7. (Previously Presented) The composition as claimed in Claim 1, wherein B has a glass transition temperature ( $T_g(B)$ ) of more than 50°C.
8. (Previously Presented) The composition as claimed in Claim 1, wherein A is obtained by polymerizing at least one hydrophobic long chain acrylate monomer.
9. (Canceled)
10. (Canceled)
11. (Currently Amended) The composition as claimed in claim 10, wherein B is obtained by polymerizing dimethylacrylamide.
- 12.-18. (Canceled)
19. (Currently Amended) A block copolymer having at least one rigid hydrophilic block (B) as a minor phase dispersed in the form of nanodomains, said copolymer obtained by polymerizing a hydrophilic monomer which is acrylic acid, acrylamide, or dimethylacrylamide, and at least one hydrophobic block (A) with an elastomeric nature as a major phase having a water absorption capacity  $W_\infty$  as (A) of less than 20%, obtained by polymerizing butyl acrylate, and having a modulus in moist medium measured using probe tack test method of a tack energy  $G > 100 \text{ G/cm}^2$ .

20. (Withdrawn) The composition as claimed in claim 1, wherein  $W_{\infty}(A)$  is less than 5%.
21. (Withdrawn) The composition as claimed in claim 1, wherein the water absorption capacities of A,  $w_{\infty}(A)$ , and of B,  $w_{\infty}(B)$ , are such that the ratio  $w_{\infty}(B) / w_{\infty}(A)$  is more than 20.
22. (Withdrawn) The composition as claimed in claim 8, wherein the long chain acrylate is butylacrylate, hexylacrylate or a dienic monomer.
23. (Withdrawn) In a medical patch or dressing or a prosthesis, comprising an adhesive, the improvement wherein the adhesive is a composition according to claim 1.
24. (Withdrawn) In a label comprising an adhesive layer, the improvement wherein the adhesive layer is a composition according to claim 1.
25. (Withdrawn) In a label comprising an adhesive layer, the improvement wherein the adhesive layer is a block copolymer according to claim 19.
26. (Withdrawn) A method of attaching a medical patch, dressing or prosthesis to the skin of a host, comprising contacting with the skin a patch, prosthesis or dressing to which an adhesive according to claim 1 has been applied.